

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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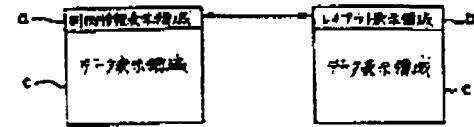
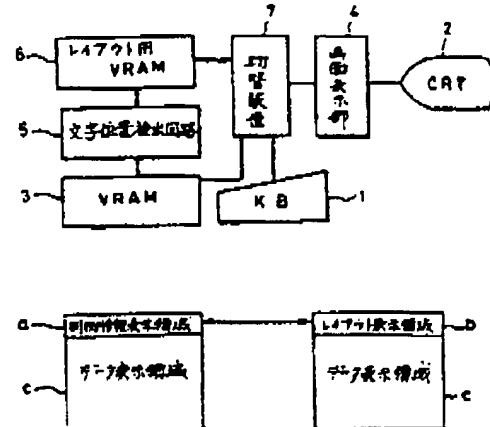
APPLICATION DATE : 12-11-87  
APPLICATION NUMBER : 62284370

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INVENTOR : OBAYASHI AKIHIKO;

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TITLE : SCROLLED-OUT INFORMATION  
DISPLAY DEVICE



ABSTRACT : PURPOSE: To easily display the layout of scrolled-out information by simple hardware by displaying contents of a VRAM for layout and partial contents of a VRAM on a CRT by switching.

CONSTITUTION: A detection circuit 5 which detects character positions in each scrolled-out row, a VRAM 8 for layout where character position information detected by the detection circuit 5 for plural rows is stored, and a switching device 7 which performs such control that partial contents of the VRAM 3 and contents of the VRAM 6 for layout may be displayed on a picture display part 4 by switching are provided. When a data display area (c) is scrolled out by one row, it is added to the row in the bottom of a layout display area (b), and the whole of information is scrolled up. Thus, layout of the scrolled-out picture can be referred to, and positional relations on layout are confirmed with a high operability.

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